

**Ph.D. Specialization: Curriculum and Instruction – Career & Technical Education**

<b>Doctoral Core –15 Credit Hours</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Crs</b>	<b>Scheduled</b>
ED 571	Introduction to Quantitative Research	3	Fall
ED 574	Survey of Qualitative Research	3	Fall
ED 680	Philosophical Foundations of Educational Research	3	Fall
ED 614	EHHS Doctoral Seminar	3	Spring
ED 668	Writing for Publication	3	Spring
<b>Research Methods – 9 Credit Hours</b>			
<i>Complete one of the two tracks (6crs), plus one other 3 cr methods course listed</i>			
<b>Course #</b>	<b>Course Title</b>	<b>Crs</b>	<b>Scheduled</b>
<b>Quantitative Track</b>			
ED 584	Univariate Quantitative Research in Education	3	Spring
ED 587	Multivariate Quantitative Analysis in Education	3	Fall (biennial, F21 & F23)
<b>Qualitative Track</b>			
ED 589	Theoretical Applications & Designs of Qualitative Research	3	Spring
ED 590	Data Analysis & Interpretation of Qualitative Research	3	Fall
<b>Specialized Research Methods</b>			
ED 592	Indigenous, Decolonizing & Action-Based Research Methods	3	Spring
ED 595	Survey Design for Social Science Research	3	Fall

<b>Specialization– select 12 Credit Hours (example for C&amp;I-CTE specialization)</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Crs</b>	<b>Semester</b>
AOLL 507	Future of Education and Work	3	
CTE 415	Productivity Software in Business Education	3	
CTE 420	Evaluation in Professional-Technical Education	3	
CTE 426	Occupational Analysis & Curriculum Development	3	
CTE 464	Career Guidance and Transitioning to Work	3	
CTE 472	Teaching and Learning in Occupational Education	3	
CTE 551	Principles and Philosophy of CTE	3	

<b>Cognate - 21 Credit Hours (example for C&amp;I, often transferred from a master's)</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Crs</b>	<b>Semester</b>
EDCI 511	Planning and Administering the Curriculum	3	
EDCI 513	History of Educational Thought	3	
EDCI 524	Models of Teaching	3	
EDCI 526	Advance Educational Psychology	3	
EDCI 563	Literacy Methods for Content Learning	3	
EDCI 570	Introduction to Research in Curriculum and Instruction	3	
EDCI 572	Measurement and Evaluation	3	

<b>Immersion Experience – 6 Credit Hours</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Crs</b>	<b>Semester</b>
CTE 598	Practicum or Internship (Scheduled with MP)	6	

<b>Dissertation – 18 Credit Hours</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Crs</b>	<b>Semester</b>
ED 600	Dissertation (Scheduled with MP)	18	

## Prerequisite Research Courses

- Introduction to Research Methods (equivalent to AOLL/EDAD/EDCI/MVSC 570 at University of Idaho), or transfer from a previous degree/institution.
- Introduction to Statistics

**Ph.D. Immersion Experience** - The Ph.D. candidate will be required to complete an immersion experience consistent with their professional goals, including full-time residency or another significant experience determined by the program. The immersion experience should be aligned with the mission of the degree and the goals established for the degree and the students' professional aspirations. The experience will have measurable outcomes, which can be used to assess the candidate's progress and proficiency. Each experience is unique; please check with the program if you have questions.

The following is a list of common features for the immersion experiences for Ph.D. students. Please check with your major professor for more specific information and program requirements.

- Teaching at the university level
  - Authorship-generating publications—for example the submission of a journal manuscript for preliminary examination or as part of directed research
  - Research with mentor or major professor
  - Service with professional organizations focused on scholarship in the field
  - Exposure to politics and policy of higher education through engagement with faculty and college and/or university meetings and committees
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